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TITLE: PACKET COMMUNICATION EQUIPMENT

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APPL-NO: JPO6098508

APPL-DATE: May 12, 1994

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**ABSTRACT:**

**PURPOSE:** To reduce the processing burden of a communication gateway and to reduce cost by exclusively selecting a connecting network so that this equipment can be connected to either a general telephone network or a packet network only at the time of call incoming.

**CONSTITUTION:** When a packet communication equipment 30 is turned to the state of communicating with the other packet communication equipment connected to a Local Area Network (LAN) 101, a processor part 31 switches the voice input of a switch part 31 to the side of a voice packet processing part 33 and cuts off a voice input from the side of a telephone interface control part 34. When a call is terminated from a telephone set connected to the general telephone network in such a state, the processor part 31 generates a busy signal at the telephone interface control part 34 and returns it through a connection interface line 103 and a private branch exchange (PBX) to the telephone set at a call terminating source. Thus, since call incoming is exclusively controlled during communication, the user of the packet communication equipment 30 only deals with call incoming from one network.

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